

AVAN/001112  
Docket No.: AVA-P041ASSIGNMENT

Whereas, We, Giovanni GILARDI, Paolo MILANESE, Simone PENSA, Mario BONAZZOLI, Luigi GOBBI having agreed to assign the below identified invention to AVANEX CORPORATION ("AVANEX"), a Delaware corporation having its principal place of business at 40919 Encyclopedia Circle, Fremont, CA 94538 for good and valuable consideration, receipt of which is hereby acknowledged, I do hereby sell, assign, and transfer unto AVANEX, its successors and assigns, the entire right, title, and interest, including the right of priority in, to and under an application for Letters Patents of the United States entitled:

**"System for Reducing the Electrical Return Loss of a Lithium Niobate Traveling Wave Optical Modulator with Low Characteristic Impedance"**

X filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, or

Serial No.: \_\_\_\_\_, filed on \_\_\_\_\_ and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;

And for the above consideration, we agree promptly upon request of AVANEX, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional, or reissue, or other papers which may be necessary or desirable fully to secure to AVANEX, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent.

Inventor's Signature: *Giovanni Gilardi* Date: 4<sup>th</sup> of MARCH 2004  
Giovanni GILARDI

Inventor's Signature: *Paolo Milanesi* Date: 13<sup>th</sup> of March 2004  
Paolo MILANESE

Inventor's Signature: *Simone Pensa* Date: 15<sup>th</sup> of March 2004  
Simone PENSA

Inventor's Signature: *Mario Bonazzoli* Date: 4<sup>th</sup> of MARCH 2004  
Mario BONAZZOLI

Inventor's Signature: *Luigi Gobbi* Date: 4<sup>th</sup> of MARCH 2004  
Luigi GOBBI